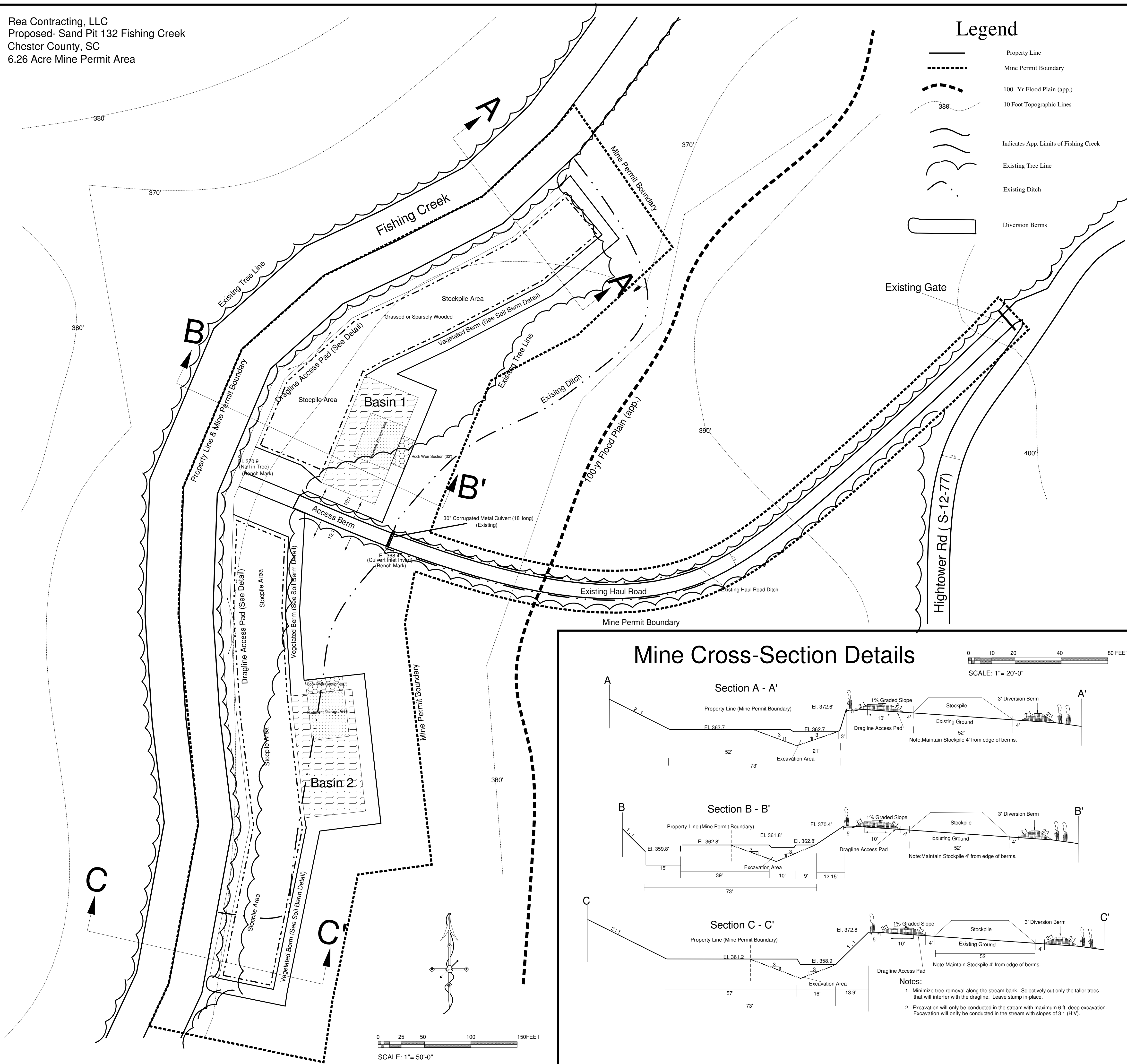
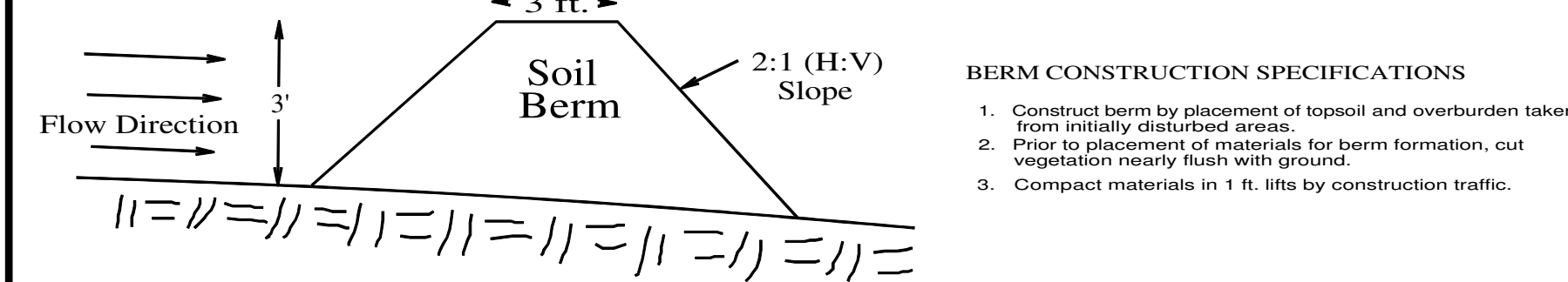


Rea Contracting, LLC  
Proposed- Sand Pit 132 Fishing Creek  
Chester County, SC  
6.26 Acre Mine Permit Area



SOIL COLLECTION BERM CROSS-SECTION (NTS)

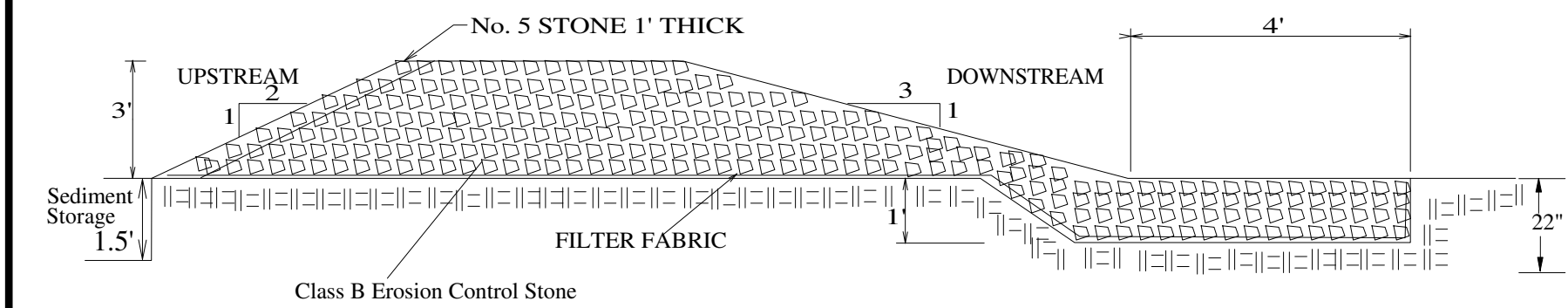


## EROSION CONTROL BASIN SPECIFICATIONS

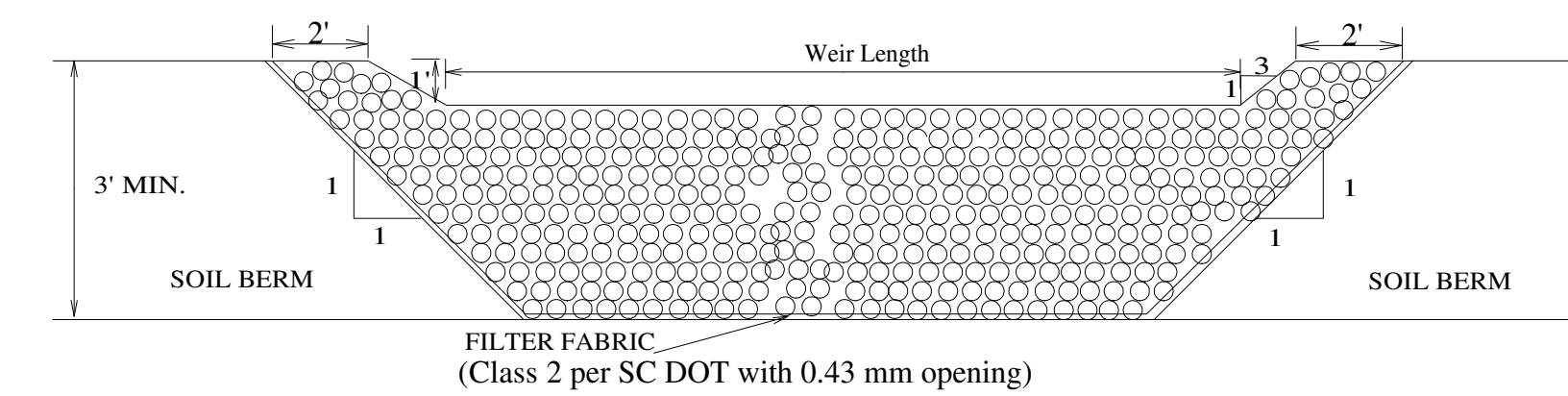
### STONE FILTER SECTION SPECIFICATIONS

1. Prior to stone placement, remove any loose sediments and vegetation, and place filter fabric on the exposed subgrade.
2. The top of the spillway shall be at least one foot below the top of the berm crest level. Construct stone sections to the schedule shown below.
3. The stone section shall consist of Class B Erosion Control Stone, with the upslope facing consisting of No. 5 Stone one foot thick.
4. Downslope of stone section toe, extend Class B Erosion Control Stone 4 feet beyond toe.

### LONGITUDINAL CROSS-SECTION



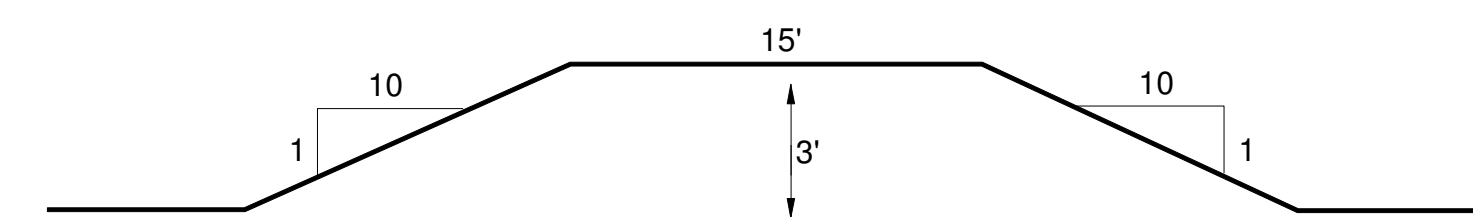
LATERAL CROSS-SECTION



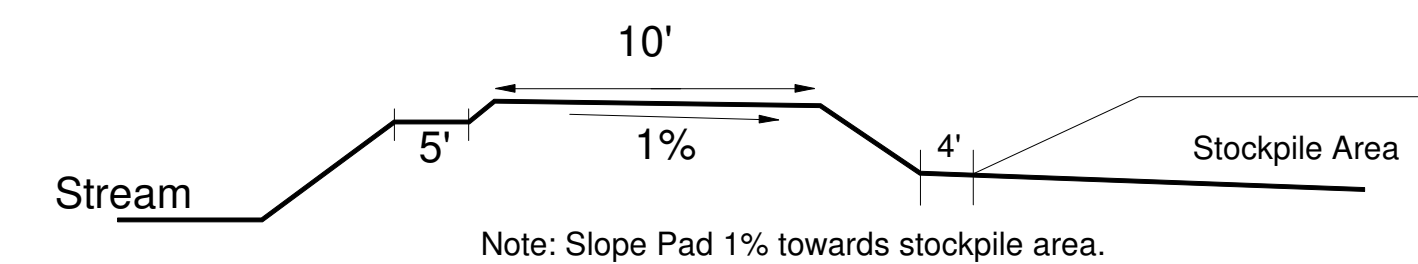
### Sediment Trap Schedule

Basin	Length, ft.	Width, ft.	Sediment Storage	Weir Length, FT
1	62'	124'	50'x40'	32'
2	132'	66'	50'x40'	36'

## Access Berm Detail (NTS)



### Dragline Access Pad Detail (NTS)



## LAND DISTURBANCE AND EROSION CONTROL SEQUENCE

1. Construct soil berms and Sediment Basins 3 ft. high and place stone filter sections at the locations shown. Vegetate berms immediately after construction and vegetate buffer areas.
  2. Repair berm areas that may be damaged during the sand excavation activities prior to leaving the site at the end of each day.
  3. Replace filter stone when material is clogged with fine soil particles as evident by ponding water behind the filter for prolong periods of time.
  4. Sediment accumulation behind the stone filter should not be allowed to exceed a depth of 1 ft. Remove sediments and incorporated them into the stockpile material.
  5. Upon permanently discontinuing excavation activities, remove berms and filter stone sections, smooth ground to encourage positive sheet water runoff (no channel flow), and revegetate as per the schedule in the Mine Reclamation Plan.
- Re-construct the ground slope to pre-existing conditions.

## MAINTENANCE CONSIDERATIONS

1. All erosion and sediment control practices shall be checked for stability and operation following every runoff producing rainfall, but in no case less than once weekly. Any needed repairs will be made immediately to maintain all practices as designed.
2. The sediment basins will be cleaned out when sediment accumulates in the sediment storage area of the basins. Replace 1ft thick filter section of brick check dam when clogged with fine sediments, and replace filter material surrounding rise pipe at basin when clogged.
3. All seeded areas shall be fertilized, reseeded as necessary, and mulched according to specification in the vegetative plan.



8205 Wilkinson Blvd.  
Charlotte, NC 28214  
(704) 394-8354

Active Mine Area Detail Map

DATE:  
3/16/09 rev

DRAWN:  
REA

SCALE:  
See Drawing

Sheet No. 2 of 3